ETC

Energy • Technology • Control

ETC6000 Series Burner Control System

ETC6066 and ETC6067 OLED Human Machine Interface

The ETC6066 and ETC6067 provides precise real-time burner diagnostics, enhanced visibility, and seamless industrial HMI solutions with the ETC6000 range of Integrated Burner and Electronic Ratio Controls. It's an ideal solution for installations where touch screens are not practical.

Features:

- **High Resolution Display:** Clear OLED Screen for sharp, clear data visibility in diverse lighting conditions.
- **Enhanced Visibility:** Optimal brightness and contrast for readability in various lightning conditions.
- **Robust Construction:** Durable and reliable for demanding industrial environments.
- **User Friendly Interface:** Intuitive layout for quick and efficient navigation.
- **Seamless Integration:** Fully compatible with all ETC6000 Series Controllers
- **Non-Touch Operation:** Ideal for environments where touchscreens are impractical or unsuitable.
- **Real-Time Monitoring:** Displays live burner data and event logs for accurate diagnostics and troubleshooting.
- **Customisable Display Options:** Tailored Screen Settings to suit specific operational needs.
- **Energy Efficient:** Low power consumption for sustainable operation.

Benefits:

- **Optimised space utilisation:** The Compact design maximises available space, allowing more flexible placement in different environments, such as directly attached to burners or in control panels.
- **Reduced Maintenance Costs:** The durability of the screen minimises the need for frequent repairs.
- **In-Depth Data Logging:** Real-Time logging, complete with graphical data representation.
- **Extensive Alarm and Event Logs:** Easily track system performance through a detailed history log.
- **Ethernet Compatibility:** Streamline connectivity with Ethernet-enabled operations.
- **Improved Usability:** Intuitive interface enables efficient navigation and real-time adjustments.
- **Reduced Downtime:** Proactive monitoring and event logs support quick issue resolution.
- **Energy Efficiency:** Low power consumption contributes to sustainable operations.

Energy Technology & Control is at the forefront of combustion control innovation, delivering solutions that redefine precision, reliability, and usability in industrial burner management. The ETC6066 and ETC6067 OLED nodules are a prime example of ETC's commitment to excellence, designed to seamlessly integrate with the ETC6000 Series of controllers. This advanced module offers not only superior performance but also unparalleled clarity and durability, making it an invaluable addition to any industrial setup.

The OLED display model is engineered with a high resolution screen that ensures every detail is rendered with precision. Operators can quickly and accurately interpret critical data, minimising safety, efficiency, and compliance. The sharpness of the display is further enhanced by optimised brightness and contrast, which ensure readability in a wide range of lighting conditions. From the dimly lit interiors of boiler rooms to brightly illuminated outdoor installations, the OLED display module maintains consistent performance, allowing uninterrupted access to vital system information.

Industrial environments can be unforgiving, with extreme temperatures, dust, vibration, and other factors placing constant demands on equipment. The ETC6066 and ETC6067 OLED modules are built to meet these challenges head-on. The robust construction ensures reliable performance in the harshest conditions, hallmark of the ETC product range, reinforcing the company's reputation for delivering durable high-quality solutions tailored to industrial needs.

One of the key strengths of the OLED Display Module is its seamless integration with all of ETC6000 series controllers, the module adheres to ETC's commitment to backward compatibility. This ensures that new innovations are accessible to users of the existing systems, safeguarding their investments and simplifying upgrades.

The ETC6066 and ETC6067 Module offers real-time burner monitoring, providing operators with live feedback on critical system parameters. This instantaneous visibility empowers operators to quickly identify and address potential issues, ensuring optimal system performance and reducing the risk of unplanned down time. Real-time data visualisation not only enhances responsiveness but also fosters a proactive approach to maintenance, helping operators address minor irregularities before they escalate into significant problems.

In many industrial environments, traditional touchscreens are not viable due to contamination, glove use, or extreme conditions. The OLED Display Module's non-touch interface overcomes these challenges, delivering dependable performance where touch-sensitive systems might fail. This adaptability underscores the module's suitability for diverse operational contexts, ensuring it remains effective in even the most challenging conditions.

The OLED Display Module offers a suite of advanced data-handling capabilities. It's extensive logging functionality provides operators with real-time data capture and graphical representations, offering in-depth insights into system performance. These capabilities are invaluable for optimising processes, diagnosing inefficiencies, and implementing improvements. The module also features comprehensive event and alarm logs, which provide a detailed history of system activity. This historical data simplifies troubleshooting and supports long-term operational planning, helping organisations maintain high levels of reliability and efficiency.

The OLED module boasts a compact form factor, making it ideal for installations where space is at a premium. Whether mounted directly onto a burner or integrated into a control panel, its small footprint does not compromise its functionality.

Sustainability is increasingly critical across industries, and the OLED Display Module delivers on this front with its energy-efficient design. By minimising power consumption, the module reduces operational costs and aligns with environmental goals, contributing to a greener, more sustainable future. This focus on energy efficiency reflects ETC's broader commitment to creating solutions that support responsible resource use while maintaining peak performance.

For further information on the ETC606x OLED Human Machine Interface contact ETC today for bespoke solutions tailored to your needs.

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